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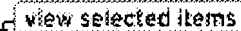
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[Circuits and Systems, 2005. 48th Midwest Symposium on](#)
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- ☐ 5. **Watermarking for JPEG image authentication surviving integer rounding decompression**
Ito, H.; Magai, K.; Fujii, R.; Suzuki, M.;
[Image Processing, 2004. ICIP '04. 2004 International Conference on](#)
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of high-contrast (essentially monochromatic, **black** and white) machine-printed pages, I will assume X-Y coordinate system, in units of square **pixels** per inch)The coarsening that results from do not exhaust the possibilities: image **compression** and transmission (as in FAX) create important www.parc.xerox.com/istl/groups/didl./papers/ps/Baird2000_state.ps

[A New Steganographic Method for Palette-Based Images - Jiri Fridrich \(1999\) \(Correct\) \(3 citations\)](#)

images, and 216 for Netscape version of GIFs, 2 for **black** and white images, etc.Dithering is used for The new technique embeds one message bit into one **pixel** (its pointer to the palette)The **pixels** for to common image processing operations and lossy **compression**. The steganographer's job is to make the ssie.binghamton.edu/~jirif/Research/pics99.ps

[Entropy-Based Pattern Matching For Document Image Compression - Qin Zhang \(1996\) \(Correct\) \(2 citations\)](#)

When comparing two patterns one filled with **black pixels** and one filled with white **pixels**, CTM's algorithm computes a weighted count of the error **pixels**, in which higher weights are given to clustered Entropy-Based Pattern Matching For Document Image **Compression** Qin Zhang And John M. Danskin 6211 Sudikoff www.cs.dartmouth.edu/~zhangq/papers/icip96.ps.gz

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white represents positive-valued coefficients and **black** represents negative-valued coefficients. to 512 Cosine Transform (DCT) of an NRxNC block of **pixels**, and the Inverse Discrete Cosine Transform (IDCT) Video **Compression** using the Three Dimensional Discrete Cosine www.dip.ee.uct.ac.za/~marcs/research/3D-DCT/3d_dct_paper.ps.gz

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is a multispectral **scanner** (MSS) image of the **Black Hills**, taken by the Landsat 2 satellite in 1972. less computationally expensive than the classical **pixel-by-pixel** approach. This approach, called are the base of several effective data **compression** schemes, in which the image is first www.stat.purdue.edu/people/yiannis/PAPERS/icassp.ps.gz

[Document Image Compression via Pattern Matching - Zhang \(1997\) \(Correct\) \(1 citation\)](#)

the probability distribution of a **pixel** being **black** or white ($P(x_{ij|jk})$ in eq. 1) along the edges algorithm computes a weighted sum of the error **pixels**, in which higher weights are given to clustered Thesis Proposal Document Image **Compression** via Pattern Matching Qin Zhang Joint work www.cs.dartmouth.edu/~zhangq/papers/proposal.ps.gz

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